

I. **INTRODUCTION**

Claims 1-42 are under consideration in the present application.

II. **RESTRICTION REQUIREMENT**

In the Restriction Requirement, the Examiner states that the above-identified application contains claims directed to more than one species of the generic invention. For such reason, the Examiner believes that the restriction of claims is proper, and now requires Applicants to elect a single species from EACH of Groups I and II, to which the claims shall have be restricted if no generic claim is finally held to be allowable:

Group I: Species of stopping points

Species A: the stopping point of the computation of F_Q is set
when $F_Q > \alpha_0$, corresponding to claims 8, 20 and 32;

Species B: the stopping point of the computation of F_Q is set
when $|Q| < n_0$, corresponding to claims 9, 21 and 33;

Species C: the stopping point of the computation of F_Q is set
when $\beta_Q < \delta_0$, corresponding to claims 10, 22 and 34;
and

Species D: the stopping point of the computation of F_Q is set
when $|Q'/Q| > \alpha_1|Q'|$, corresponding to claims 11, 23
and 35.

Group II: Species of data

Species E: associated with gene expression, corresponding to claims 2,3, 14, 15, 26, and 27; and

Species F: associated with financial trends, corresponding to claims 40-42.

The Examiner also indicated that claims 1, 4-7, 12, 13, 16-19, 24, 25, 28-31 and 36-39 are generic.

Applicants hereby elect Species A, i.e., claims 8, 20 and 32, and Species E, claims 2, 3, 14, 15, 26 and 27, without traverse, for prosecution in the above-identified application, and reserve the right to pursue the non-elected claims in this application and/or one or more applications claiming priority from the present application.

Accordingly, claims 1-7, 12-19, 24-31 and 36-39 are now under consideration. Further, it is respectfully asserted that the Restriction Requirement contained in the Office Action is now moot, and should therefore be withdrawn.

Applicant further notes that upon the indication of allowability of any generic claim(s), any claims which are directed to non-elected species which depend from such allowable claim(s) be considered.


III. **CONCLUSION**

In light of the foregoing, Applicants respectfully submit that the pending claims are in condition for allowance. Prompt reconsideration and allowance of the present application are therefore earnestly solicited. The Examiner is invited to contact the undersigned to expedite the prosecution of this application if any issues remain outstanding.

Respectfully submitted,

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By



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